

EV ECOLINE



GÜLERYUZ

DESIGN & SAFETY

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Ecoline city bus is engineered and designed for public transportation in and around the city. It provides a safe and comfortable journey for all passengers.

The driver's cab is isolated from the passenger compartment, and the ergonomically designed dashboard ensures maximum comfort for the driver.

There are adjustable steering columns, a comfortable pneumatic driver seat with 3-point safety belts, a folding armrest, and multi-direction adjustments.

Ecoline has a significant passenger capacity, vast seating space, a high-capacity air conditioner, and heaters.

There are also specified areas for disabled people and a Wheelchair area. The window level has been carefully designed to have a wide field of view.

It is easy to get on the low floor bus with a maximum 340 mm height. With the kneeling system (270 mm), passengers of all ages can safely get in and out. Manual ramps help handicapped people to Access efficiently. USB charging connection is installed for passengers to reach during travel easily.



Standard systems:

EBS (Electronic Braking System)

ASR (Acceleration Slip Regulation)

BSB (Bus Stop Brake)

ELC (Electronic Leveling Control)

RBS (Regenerative Brake System)

HSA (Hill Start Aid) LWC (Lining Wear Control)

ADAS (Advanced driver-assistance system)

AVAS (Acoustic Vehicle Alerting System)



COMFORT



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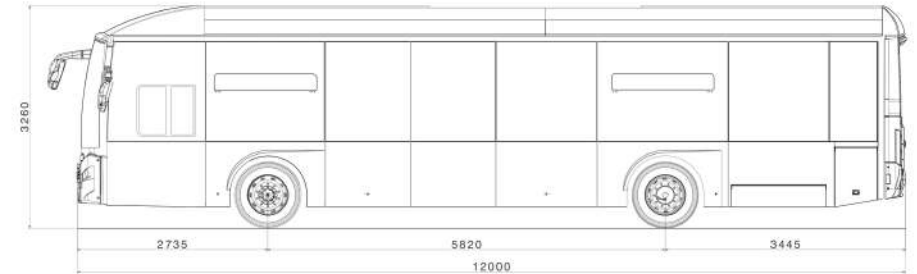
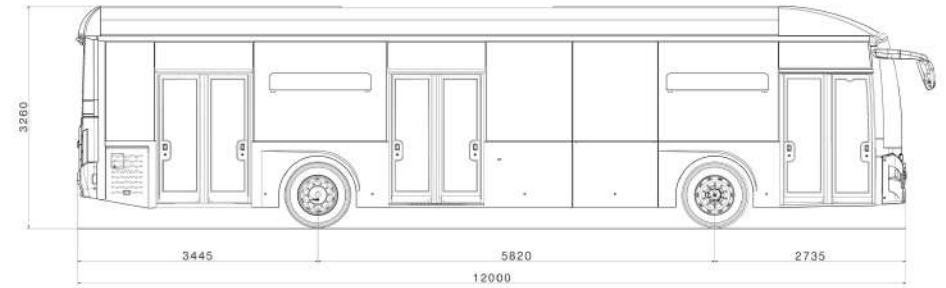
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EV ECOLINE LAYOUT



EV ECOLINE / TECHNICAL SPECIFICATION

Dimensions & Weights	
Overall Length	12000 mm
Width	2500 mm
Overall Height	3350 mm
Inside Height	2400 mm
Wheel Base	5850 mm
Front Overhang	2550 mm
Rear Overhang	3300 mm
Turning Radius	10500 mm
Approach Angle / Deproach Angle	Front 9°, Rear 10°
Gross vehicle Weight	19500 kg
Passenger capacity	
Seating	29+1
Standing	63
Wheelchair	1
Power	
E- Engine Type	ZF - Ax Trax AVE
Engine Power	250 kW
Engine Torque	22000 Nm
Battery	
Battery Type	NMC Battery
HV System	666 V
Battery Capacity	336kWh / opt. 448 kWh
Charging System	Combo- 2 / CCS2
Charging Time	4 hours Depends on the charging unit
Range	Up to 400km
Axles	
Front Axle	ZF - RL82 EC - Independent
Front Axle Capacity	7500 kg
Rear Axle	ZF - Ax Trax AVE
Rear Axle Capacity	13000 kg

Tires & Rims	
Rims	22,5x8,25
Tires	275/70R 22,5
Electric System	
System Voltage	24 V
LV Battery	2x 12V 90Ah
Steering System	
Electro Hydraulic Steering	Standard
Height and Tilt Adjustment (Electronic Levelling Control)	Standard
Brakes and Safety	
ABS - Anti-Lock Braking System	Standard
ASR - Anti-Slippage System	Standard
RBS - Regenerative Brake System	Standard
EBS - Electronic Brake System	Optional
HSA - Hill Start Aid	Standard
ELC - Electronic Leveling Control	Standard
AVAS - Acoustic Vehicle Alerting System	Standard
MOIS - Moving Off Information System	Optional Standard after July 2024
BSIS - Blind Spot Information System	Optional Standard after July 2025
LDWS - Lane Departure Warning Solutions	Optional Standard after July 2026
ISA - Intelligent Speed Assist	Optional Standard after July 2027
HVAC	
AC Unit	- Cooling Capacity - 30kW
Heating system	Valeo PTC Heater
Electronic Component	
Monitor	Standard
Video Recording System	Standard
Electrically Controlled Exterior Mirrors	Standard
Rear View Camera	Standard
Reverse Gear Buzzer	Standard
Front Route Dashboard	Standard

EXTERIOR & BODY EQUIPMENT	
Body Lowering (Kneeling)	Standard
Body Lift (Lifting)	Standard
Body Side Kneeling	Standard
Fog lights	Optional
Wheel Cover	Optional
Opaque White Exterior Paint	Optional
Metallic Exterior Paint	
DRIVER AREA	
Sun visor	Standard
Driver Interior Mirror	Standard
Driver's Side Roller Curtain	Standard
Right Armrest for Driver Seat	Optional
Left Armrest for Driver Seat	Optional
Sliding Front Heated Driver's Window	Standard
SECURITY	
Low Voltage Stimulator	Standard
Mechanical Battery Breaker Switch	Standard
Fire extinguisher	Standard
OTHER EQUIPMENT	
Spare tyre	Optional
Disabled Zone	Standard
Wheelchair Seat Belt	Standard
Manual Disabled Ramp	Standard
Front Anti Roll Bar	Standard
Rear Anti Roll Bar	Standard
Fire Detection System	Standard
Reverse Gear Buzzer	Standard
First Aid Kit - Red Cross	Standard

OPERATIONAL EFFICIENCY

It is a noiseless city bus with zero emissions and low operating costs.

Zero emission level means also to have a clean and green environment.

The operational expenses are far more critical than most of the elements when it comes to the selection of the bus. Güleryüz is very aware of that.

With new generation e-engines integrated directly into Ax Trax AVE rear axle of ZF and high-tech batteries and battery management system, EV ECOLINE provides optimum driving experience and autonomy. In comparison, it promises a silent and comfortable drive inside the city.

Ax Trax AVE e-engine develops 250 kW engine power with a torque of 22000 Nm.

High-performance NMC batteries are placed in the bus's rear part, providing a total capacity of 336 kWh/h (optional 448 kWh). The efficient liquid cooling system optimizes the service life of the batteries.

A battery management system is designed by GÜLERYÜZ Combo- 2 / CCS2 compatible battery system convenient for complete and quick charging in 4 hours.

Thanks to the robust construction, it conserves the first-day view.

The large room provides the proper air ventilation for batteries.

We serve with a comprehensive dealer and service network around Europe and Turkey.





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